

Anti-Cytokeratin 19 Rabbit pAb

Affinity Purified Rabbit Polyclonal Antibody

Catalog # P900001

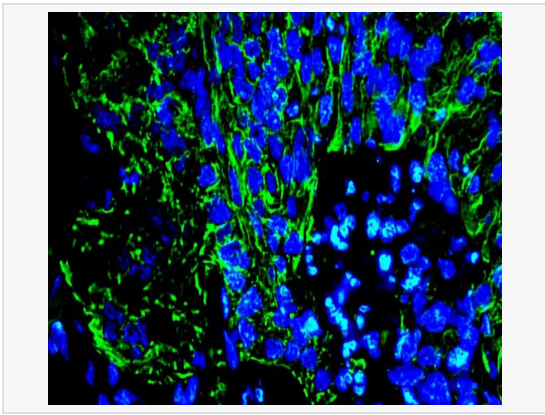
Product Information

Application	WB, IHC-P, IF, ELISA
Reactivity	Human
Dilution	WB 1:1,000; IHC-P 1:1,000; IF 1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target / Specificity	This Cytokeratin 19 antibody is generated from rabbits immunized with a BSA conjugated synthetic peptide between 384-398 amino acids from the C-terminal region of human Cytokeratin19.
Format	Purified polyclonal antibody supplied in PBS. This antibody is purified through a peptide affinity column.
Storage	Shipped at 4°C. Upon delivery aliquot. Store at 4°C short term (1~2 weeks). Store at -20°C for 2 years. Avoid freeze / thaw cycles.
Precautions	Anti-Cytokeratin 19 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

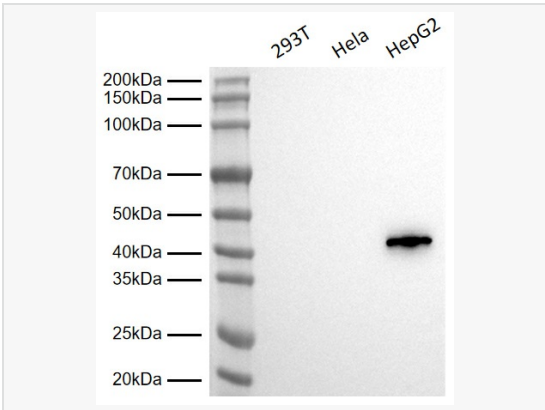
Protein Information

Other Names	KRT19, Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, CK19, Keratin-19, K1CS, keratin 19, K19.
Calculated MW	44 kDa
Primary Accession	P08727
Other Accession	NP_002267.2
Gene ID	3880
Antigen Region	384-398aa
Background	Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
Tissue Location	Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

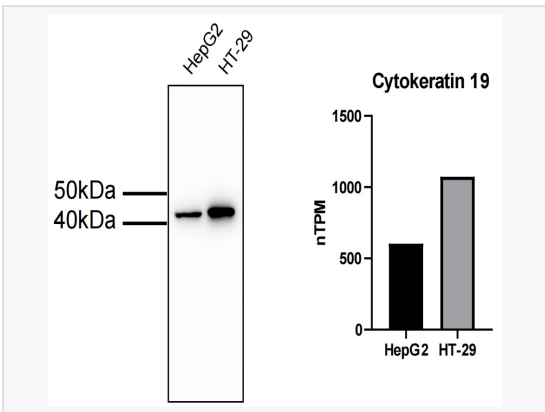
Validation Images



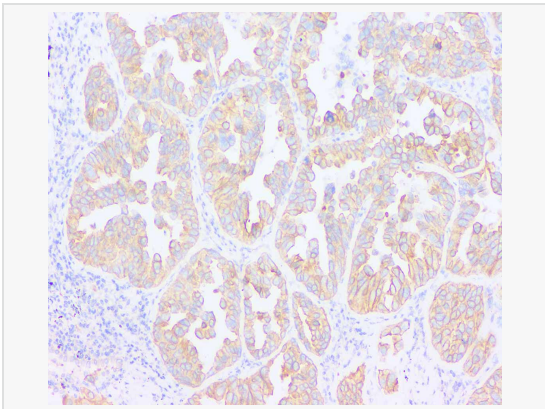
Immunofluorescent analysis of paraffin-embedded human lung cancer tissue using Anti-Cytokeratin 19 Rabbit pAb. Antigen repair using EDTA antigen repair solution and blocking with Goat serum for half 0.5 hour. Samples were incubated with primary antibody (1/1000) overnight at 4°C. A undiluted Dylight 488 Fluorescein-labeled anti-rabbit IgG was used as the secondary antibody for 0.5 hour.



All lanes: Anti-Cytokeratin 19 Rabbit pAb at 1:1,000 dilution Lane 1: 293T cell Lysates Lane 2: HeLa cell Lysates Lane 3: HepG2 cell Lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H L), Peroxidase conjugated (LF102) at 1:2,000 dilution. Observed band size: 44 kDa Blocking/Dilution buffer: 1×PBST.



All lanes: Anti-Cytokeratin 19 Rabbit pAb at 1:1,000 dilution Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H L), Peroxidase conjugated (LF102) at 1:5,000 dilution. Observed band size: 44 kDa Blocking/Dilution buffer: 1×PBST.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using Anti-Cytokeratin 19 Rabbit pAb. Antigen repair using EDTA antigen repair solution and blocking with 5% BSA for half 0.5 hour. Samples were incubated with primary antibody (1/1000) overnight at 4°C. A undiluted HRP-labeled anti-rabbit IgG was used as the secondary antibody for 0.5 hour.